

Circular 649
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ONTARIO

Academic Requirements for Admission

to

Courses and Examinations

at

The Ontario College of Education

leading to

***The Interim High School Assistant's
Certificate, Type A***

as approved by

The Minister of Education

Province of Ontario

1963

Rec'd 25/1/63

ACADEMIC REQUIREMENTS FOR TYPE A CERTIFICATES

1. Academic requirements for admission to courses and examinations in the Ontario College of Education leading to the Interim High School Assistant's Certificate, Type A, which are listed in Section 4 below, may be fulfilled in one of two ways.

(a) Graduates in certain honour courses¹ which have been approved by the Department of Education may be certified by the University as having met the academic requirements for the Type A certificate which have been agreed upon by the Department of Education and the universities of Ontario.

OR

(b) Graduates who have met the academic requirements which are listed in Section 3 below for admission to the Ontario College of Education, and who submit evidence to the Director, Advanced Academic Recommendations, of having at least sixty university credits² beyond the Grade 13 standard, and who have complied with conditions set forth in the following pages for a Type A certificate, may be certified by the College with the approval of the Minister as having met the requirements.

2. In setting out the number of academic credits under Section 1 (b) above, it is assumed that there are approximately sixty credits in a four-year course. Where a transcript shows that the year consists of, let us say, 20 credits instead of 15, then the accumulation of credits will be calculated for each course in that year at the rate of 15/20 of the amount indicated in the transcript.
3. Academic requirements for admission to the Ontario College of Education are a certificate of graduation as Bachelor or Master of Arts, Bachelor or Master of Science, Bachelor of Commerce, Bachelor of Science in Agriculture, Bachelor of Applied Science, Bachelor of Household Science, Bachelor of Forestry, Bachelor of Music (Music Education, Toronto) or Bachelor of Physical Education, from a Commonwealth University after a regular university course approved by the Minister of Education as to admission requirements and as to content³ of the undergraduate courses.
4. The Ontario College of Education offers courses leading to Interim High School Assistant's certificates, Type A in Agriculture, Classics, Latin and Greek, Latin and French, Latin and Italian, English Language and Literature, English and French, English and German, English and Latin, English and Spanish, English and History, French Language and Literature, French and German, French and Italian, French and Russian, French and Spanish, Geography,

¹ Courses which have been approved are listed in the university calendars.

² A credit is defined as one lecture hour a week throughout the academic year, or two lectures a week per semester. Two laboratory hours a week throughout the year also constitute a credit. Not more than two credits are allowed for a laboratory course. Regular university courses taken in summer sessions carry the same credit value as if taken in the regular session. Credits are pro-rated in accordance with the procedure set forth in Section 2 above. Only those credits are allowed which have been recognized by the university concerned and which meet Type A standards (see the last paragraph of Section 8 below).

³ At least half of the credits in the university course should be taken in subjects that provide background for secondary school teaching.

History, Mathematics, Mathematics and Physics, Physics, Chemistry, Biology, Science, and Home Economics.

5. The University certifies on a form provided by the Ontario College of Education that the candidate has met the requirements under Section 1(a) above.
6. A candidate qualifying under Section 1(b) above applies to the Director, Advanced Academic Recommendations, Ontario College of Education, 371 Bloor Street, West, Toronto 5, Ontario, to obtain a ruling on his academic standing. Transcripts must be submitted to the Director, Advanced Academic Recommendations and the Type A field must be specified. The candidate may obtain the necessary credits from more than one university. The credit must be for a regular university course approved as to content by the Minister. Duplicate courses are not accepted.
7. A special summer course of six weeks, beginning early in July, will be offered at Toronto only to provide the opportunity for teachers who hold a Permanent High School Assistant's certificate or an Interim High School Assistant's certificate, Type B, to obtain an Interim High School Assistant's certificate, Type A. Only those teachers who hold the required academic standing will be accepted as candidates for the Type A summer course. Applications must be submitted by June 1.

Applications will also be entertained from holders of Type B certificates who are graduates of approved honour courses but whose standing is below 66%, but not lower than 60%, who submit evidence from the Principal and High School Inspector of at least five years' teaching experience in the subject, or subjects, of their special field of study, at least two years of which must have been in Grades 12 or 13 and graded above average, in a secondary school of Ontario subsequent to obtaining the academic standing referred to above. Applications for enrolment under this plan must be made to the Deputy Minister of Education by April 15.

Blank application forms for these "Type A Seminars" may be obtained from the Registrar, Ontario College of Education.

8. The following pages set forth in general terms the Type A requirements¹ for the candidate who qualifies under Section 1(b) above. The required courses may be obtained by attendance in regular session, at a summer school session, at a night school session, or by other approved arrangement. This alternative method offers an opportunity for those who have graduated in courses that have not led to candidacy for the Type A certificate to take additional work to qualify for a Type A certificate. The new pattern generally requires at least 39 or 42² credits in the field of specialty of which at least 15 credits (or 5 full university courses) must be honour course credits³.

¹ Alternative methods are not offered for every Type A course. Where alternative methods are not offered, candidates will be considered as special cases.

² Where Greek is involved, only 36 credits are required; for the Type A in Mathematics 30 credits are required.

³ Honour credits may be obtained in courses which, by agreement between the Department of Education and the universities of Ontario, are considered suitable for that purpose.

The following credit requirements are suggested revisions of original credit requirements which came into effect in September 1957. Relative to all university work completed after January 1, 1958, in the case of recent graduates, the candidate must obtain a minimum of 50% in each additional course with an over-all average of 66% or better in each of the major subjects of the Type A field. In each of the minor subjects of the Type A field the over-all average must be at least 60%. In the case of candidates who graduated prior to 1958, the university work of the third and fourth years beyond Grade 13 is used in computing the required averages.

The credit requirements* shown below represent the *minimum* academic requirements for admission to Type A courses at the Ontario College of Education whether under Section 1(a) or Section 1(b). Candidates who qualify under Section 1(a) above may have more than the credits shown but university honour courses which do not meet at least the minimum requirements will not be approved by the Department of Education.

Since candidates for admission to Type A courses must also satisfy the academic requirements of admission to the basic Type B course, the university programme should include a minimum of 21 credits (7 full university courses) in at least 3 subjects that provide academic background for the three options which are chosen for the study of principles and procedures at the Ontario College of Education.

*Credit requirements are given in Sections 9 to 31 inclusive. See Section 32 for suggested topics.

9. *Latin and Greek*
Credits—at least 36.
Greek—at least 9 credits.
Latin—at least 15 credits.
10. *Latin and French*
Credits—at least 42 about equally divided between Latin and French.
11. *Latin and Italian*
Credits—at least 42.
Either (a) or (b).
(a) *Latin*—at least 21 credits.
Italian—at least 21 credits.
(b) Major subject: either *Latin* or *Italian*—at least 21 credits.
Minor subject: either *Italian* or *Latin*—at least 15 credits.
English—at least 6 credits.
12. *English Language and Literature*
Credits—at least 39.
English—at least 30 credits.
In addition, at least 9 credits in other subjects such as French, Latin, History, Philosophy, etc., including 3 credits in one of the secondary school subjects listed in Section 4 above.

13. *English and French*
Credits—at least 42.
Either (a) or (b).
(a) *English*—at least 21 credits.
French—at least 21 credits.
(b) Major subject: either *English* or *French*—at least 24 credits.
Minor subject: either *French* or *English*—at least 15 credits.
14. *English and German*
Credits—at least 42.
Either (a) or (b).
(a) *English*—at least 21 credits.
German—at least 21 credits.
(b) Major subject: either *English* or *German*—at least 24 credits.
Minor subject: either *German* or *English*—at least 15 credits.
15. *English and Latin*
Credits—at least 42.
Either (a) or (b).
(a) *English*—at least 21 credits.
Latin—at least 21 credits.
(b) Major subject: either *English* or *Latin*—at least 24 credits.
Minor subject: either *Latin* or *English*—at least 15 credits.
16. *English and Spanish*
Credits—at least 42.
Either (a) or (b).
(a) *English*—at least 21 credits.
Spanish—at least 21 credits.
(b) Major subject: either *English* or *Spanish*—at least 24 credits.
Minor subject: either *Spanish* or *English*—at least 15 credits.
17. *English and History*
Credits—at least 42.
Either (a) or (b).
(a) *English*—at least 21 credits.
History—at least 21 credits.
(b) Major subject: either *English* or *History*—at least 24 credits.
Minor subject: either *History* or *English*—at least 15 credits.
Geography—recommended but not required.
18. *French Language and Literature*
Credits—at least 39.
French—at least 30 credits.
English—at least 9 credits (after Grade 13 or its equivalent).
Candidates who have passed in English Composition and English Literature of the Ontario Grade 13 Departmental Examinations before enrolling in university will be permitted to substitute related subjects such as History, Philosophy or Latin for six of the English credits specified above.
Candidates who have not passed in French Literature and French Composition (Special French) of the Ontario Grade 13 Departmental Examinations before enrolling in university will be required to attend for at least one full academic year a university in which the culture and environment are predominantly French.

19. *French and German*
Credits—at least 42.
Either (a) or (b).
(a) *French*—at least 21 credits.
German—at least 21 credits.
(b) Major subject: either *French* or *German*—at least 21 credits.
Minor subject: either *German* or *French*—at least 15 credits.
English—at least 6 credits.
20. *French and Italian*
Credits—at least 42.
Either (a) or (b).
(a) *French*—at least 21 credits.
Italian—at least 21 credits.
(b) Major subject: either *French* or *Italian*—at least 21 credits.
Minor subject: either *Italian* or *French*—at least 15 credits.
English—at least 6 credits.
21. *French and Russian*
Credits—at least 42.
Either (a) or (b).
(a) *French*—at least 21 credits.
Russian—at least 21 credits.
(b) Major subject: either *French* or *Russian*—at least 21 credits.
Minor subject: either *Russian* or *French*—at least 15 credits.
English—at least 6 credits.
22. *French and Spanish*
Credits—at least 42.
Either (a) or (b).
(a) *French*—at least 21 credits.
Spanish—at least 21 credits.
(b) Major subject: either *French* or *Spanish*—at least 21 credits.
Minor subject: either *Spanish* or *French*—at least 15 credits.
English—at least 6 credits.
23. *Geography*
Credits—at least 39.
Geography—at least 27 credits.
In addition, at least 12 credits in related subjects such as History, Geology, Economics, Political Science, etc., including 3 credits in one of the secondary school subjects listed in Section 4 above.
24. *History*
Credits—at least 39.
History—at least 27 credits.
In addition, at least 12 credits in related subjects such as Geography, Economics, Political Science, Anthropology, etc., including 3 credits in one of the secondary school subjects listed in Section 4 above.
25. *Mathematics*
Credits—at least 36.
Mathematics—at least 24 credits.
In addition, at least 12 credits in related subjects such as Physics,

Chemistry, Economics, Philosophy, etc. Additional credits in Mathematics could be substituted for some of the credits in related subjects.

26. *Mathematics and Physics*

Credits—at least 42.

Mathematics—at least 15 credits.

Physics—at least 12 credits.

Chemistry—at least 3 credits.

27. *Physics*

Credits—at least 42.

Physics—at least 24 credits.

Chemistry—at least 9 credits.

In addition, at least 9 credits in one or both of Mathematics and Biology, including 3 credits (one full university course) in Calculus.

28. *Chemistry*

Credits—at least 42.

Chemistry—at least 24 credits.

In addition, at least 18 credits in one or more of Physics, Biology and Mathematics, including 3 credits (one full university course) in Calculus.

29. *Biology*

Credits—at least 42.

Biology—at least 24 credits.

In addition, at least 18 credits in one or more of Physics, Chemistry and Mathematics, including 3 credits (one full university course), in Calculus.

30. *Science*

Credits—at least 42. Laboratory work is essential.

Chemistry—at least 15 credits.

Physics—at least 15 credits.

Biology—at least 9 credits.

31. *Home Economics*

Credits—at least 39.

Household Science—at least 30 credits.

In addition, 9 credits in Science, including courses in organic chemistry, biochemistry and physiology, are required.

32. Before enrolling in courses for Type A credits, the candidate* should: (i) obtain an official ruling on his academic standing from the Director, Advanced Academic Recommendations, Ontario College of Education, 371 Bloor Street West, Toronto 5; (ii) inquire from the universities about available courses; (iii) have the proposed courses approved for credits by the Director, Advanced Academic Recommendations, Ontario College of Education.

*Candidates who qualify under Section 1(a) do not require a ruling on academic standing; they are admitted to Type A courses upon submitting evidence of the required standing in the final or graduation course approved by the Minister of Education.

At the time the official ruling is given, the candidate will be told how many additional credits are required in each subject and will be given general directions concerning the nature of the courses he should take.

Lists of topics which provide choices of options will be suggested for each subject. The following are partial lists of suggested topics:

Latin—Selections from the writings of Caesar, Cicero, and Livy should be chosen to complete the Latin prose requirements. For the Latin poetry requirements the candidate should choose selections from Virgil, Horace, Catullus, Ovid and Juvenal.

Greek—No specific recommendations.

French—(List of topics available from the Ontario College of Education.)

French Language and Literature—(List of topics available from the Ontario College of Education.)

Italian—(a) A study of Italian literature and civilization; (b) oral work and composition throughout the course; (c) the study of phonetics.

English—(List of topics available from the Ontario College of Education.)

German—(a) The study of German literature and civilization of the eighteenth, nineteenth, and twentieth centuries; (b) oral work and composition throughout the course; (c) the study of phonetics.

Spanish—(a) A study of Spanish literature and civilization of the Golden Age and of the nineteenth and twentieth centuries; (b) oral work and composition throughout the course; (c) the study of phonetics.

Russian—Same topics in Russian as shown for German above.

History—(List of topics available from the Ontario College of Education.)

Geography—(List of topics available from the Ontario College of Education.)

Mathematics—Calculus, Differential Equations, Modern Geometry, Probability, Statistics, Applied Mathematics, Numerical Methods, Actuarial Mathematics, Analytic Geometry, Solid Geometry, Topics in Advanced Mathematics.

Physics—Properties of Matter, Mechanics, Heat, Light, Sound, Magnetism, Electricity, Atomic and Nuclear Physics, Electronics, Thermodynamics and Kinetic Theory.

Chemistry—Qualitative Analysis, Quantitative Analysis, Organic, Inorganic, Physical, Biochemistry.

Biology—General Botany, Plant Morphology, Ecology, General Zoology, Vertebrate and Invertebrate Zoology, Genetics and Evolution, Physiology, Advanced Topics in Botany or Zoology.

Home Economics—Food and Nutrition, Clothing and Textiles, Home Management and Economics, Housing and Home Furnishings, Child Development, Family Sociology.

The following Type A Programs have been approved, for inclusion in Circular 649, since the last printing of the Circular and will be included in the next printing.

16(a) ENGLISH AND DRAMA

Total credits--at least 60

At least 42 credits in English and Drama, with not fewer than 24 credits in English and not fewer than 15 credits in Drama.

Related laboratory workshops are essential.

(Approved February 19, 1967--see Memo 1966-67:77)

23(a) FRENCH

Total credits--at least 60 Specialty Credits--at least 39

French--at least 30 credits

In addition at least 9 credits in one or more subjects such as History or another language.

(Approved August 8, 1966--see Memo 1966-67:7)

34(a) LATIN

Total credits--at least 60 Specialty Credits--at least 39

Latin--at least 27 credits

12 additional credits in related subjects

(Approved August 8, 1966--see Memo 1966-67:7)

46 SPANISH AND LATIN

Total credits--at least 60

At least 42 credits in Spanish and Latin with not fewer than 15 credits in either subject.

(Approved May 9, 1966 by memorandum signed by the Assistant Deputy Minister)

